TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

One-eighth of an inch thick, weighing two pounds to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

SPECIMENS TO BE SEEN AT THE EXHIBITION, in the extreme south-eastern end of the building, adjoining the United States department.

Having ascertained a modified thickness to Rough Plate of a commercial character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, whilst any greater thickness or weight is unnecessary, tending only to additional expense, Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE, one-eighth of an inch thick, or two pounds to the foot, is manufactured to class expressly for Ridge and Furrow Roofs up to 16 inches, thus giving a span of 16 feet without any intervening woodwork, thereby not only economising the cost of timber and labour, but also avoiding the numerous shadows and leaks of all kinds usual in Roofing. For the ordinary purposes to which it is applicable, it is considered the most economical Glass ever introduced in London or the Country, or to the Manufacturers, Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate is also manufactured one-eighth of an inch thick, and can be supplied one month sooner and less than the common Rough Plate.—May 1, 1851.

TO PLUMBERS AND OTHERS.

J. JONES, Iron Merchant, has always a good variety of GOTHICAL and SADDLE BOILERS in STOCK; also the Small Patent Improved Cooking Apparatus, with the Steam and Hot Water Cocks complete, Steamers, Fish-kettles, Stoves, Ranges, Hot-water pipes, Cisterns, Iron coppers, Garden rollers, Sheep troughs, Pig troughs, Iron bedsteads, Iron bridges, &c. &c. Ironwork for Conservatories, Greenhouses, Hot-houses, Pits, Frames, Lights, Sashes, Boilers, and Apparatus complete. Drawings and Estimates for the above can be had on application to J. JONES, Iron Merchant, 4, St. Bride's-avenue, Fleet-street, London.

TO ARCHITECTS AND BUILDERS.

CHUBB'S WROUGHT-IRON and FIRE-PROOF DOORS and FRAMES, for strong Rooms. A large stock of the above, of all sizes, made in the best manner, and of unusual strength, fitted with CHUBB'S PATENT DETECTOR LOCKS, affording those fire to be easily built, now quickly in use. Every description of FIRE-PROOF SAFES of every construction. Warehouse, 128, Fleet-street, and Manufactory, Wolverhampton. CHUBB'S PATENT DOOR and SHUTTER FURNITURE for all purposes. CHUBB'S and SON'S Iron Safes, with Chubb's Detector Locks, are in use at the Bank of England, the Union Bank of London, the Royal Mint, Her Majesty's Treasury, Woolwich Dockyard, Somerset House, and the Government Stores generally.

TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.

PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, the various ornamental patterns for Garden Pumps, Shower Baths, Cisterns, and the Lead and Iron Pipes, HYDRAULIC RAMS, and every description of Pumping and Hydraulic Machinery, manufactured by WARNER and SON, 18, Cross-street, Hatton-garden, Holborn, and 20 and 21, Duke-street, Southwark-bridge, London.

FARM AND COTTAGE PUMPS.

PATENT CAST-IRON PUMPS, for the use of Farmers, Gardeners, Nurserymen, Breeders and Builders, &c.

Lifting Pump £1 14 0
Lifting Pump, with 10 feet of lead pipe attached, and valve ready for fixing 2 10 0

Larger sizes if required.

May be obtained of any Ironmonger or Plumber in Town or Country, or of the Patentees and Manufacturers,

JOHN WARNER and SONS, Cripplegate, Jewin-street, London.

Lists of Machinery for Raising Water, &c., and of the usual allowances to the Trade.

CHURCH and TURRET BELLS of the best quality, and tuned. Ships, plantations, fire-bells, clock, rep. and sheet bells of all sizes.

MUSICAL HAND BELLS

fitted to the chromatic scale, with improved dampers, and tuned on a new system, which gives a superior tone and facility of execution.

Illustrated Bronzes, Pulpit Lights, and Brackets, &c. Old bells taken in exchange.

J. WARNER AND SONS, BELL FOUNDERS & ENGINEERS, &c.

COTTAM and HALLEN, Engineers, Iron-founders, and Smiths, 9, Windsor-street, Oxford-street, beg to call the attention of architects and builders to their REGISTERED PORTABLE FURNITURE, which can be had plain, or ornamented. They also beg to draw attention to their improvement of CASTIRON and PATTERNS, for every description of building work, in cast and wrought iron, both PLAIN and ORNAMENTAL. Extensive Show-rooms, as above, 9, Windsor-street, Oxford-street, where a large stock may be seen, suitable for furnishing and building purposes may be seen. ESTIMATES on APPLICATION, or by post.

SAMUEL HOOD and Co., Castings Warehouse, 41, Drury Lane-street, REGISTERED STABLE FITTINGS, Improved Hangers, with double lap-wrought, or with cast-iron brackets on one side.—Also, girders, columns, hot water pipes, various patterns, each weighing 5lbs., at the low price.

ARTESIAN WELLS, BORING for WATER, MYSING SHAFTS, &c.—The Locality, Geology, and other Conditions, Terms, Estimates, Reports, and Orders, respecting the above, may be negotiated by DAVID GREENSLEY, Civil Engineer, and Patentee of the Mysing Shaft, No. 18, Gresham-buildings, Basinghall-street, London. Gentlemen Resident Abroad, or in any distant or dangerous Sea, for Ship or Water Companies, Mines, and Estates supplied on terms for rail-roads, tramroads, &c. Boring Tools and suitable Pipes for exportation, with Instructions.

THE OLD-ESTABLISHED WATER-SIDE IRON FOUNDRY, MAIDSTONE—WEEKS and PETMAN, Iron and Brass Founders, Engineers, Millwrights, Agricultural Implement Makers, and General Smiths, having enlarged their premises, beg respectfully to inform KNIGHT and CHERRING, hop merchants, that the whole of their undivided efforts will be devoted to the object of punctually executing all orders which may be intrusted to their care, together with a due regard to economy in charges and excellence of material and workmanship. Sole Agents for the Aylesford Pottery Company.

WIRE NETTING and WINDOW BLIND MANUFACTORY. To her Majesty's Honourable Board of Ordnance, and the Honourable East India Company.—Wire Netting, 1d. per square foot; Galvanised ditto, requiring no paint, 2d.; Wire Blinds, in mahogany framing, and hooks complete, 1s. 6d. per foot; Zinc ditto, 1s. 6d. per foot; Sweetbriar, 2s. per foot; Hall, Yard, Transom, and Window Blinds of all kinds. Old blinds repainted, repointed, and strings sewn. Wire work for flower trellises, garden arches, seats, ornamentation, arbours, and fruit houses of every description of trellising to any design or pattern, and executed to iron and wire, at THOMAS HENRY FOX'S CITY of LONDON WIRE WORK, IRON FENCE, and WEAVING MANUFACTORY, 44, Skinner-street, and 8 and 9, Snow-hill, London. Every information, with samples or specimens and estimates, forwarded free. Sieves for paper-makers, millers, chemists, and for the East and West India.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal action, and all the latest improvements.

Constructed for the ventilation of apartments generally.

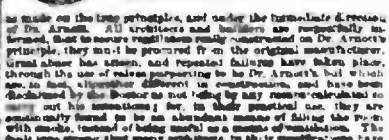
REDUCED LIST OF PRICES—SUBJECT TO THE TRADE DISCOUNT.

	First size, 12 by 8	Second size, 15 by 9
Plain Iron Valve	6 0	9 0
Grooved and Leathered	7 6	10 6
Japanned, white with Gold lines	11 6	14 6
White with Trellis work	17 0	20 0
Brass Frame, hinged or Grooved	13 6	19 0
Lattice with Trellis work	20 0	25 0

Manufactures of any description made to order.

Manufactured by MART and SONS, 73, St. M. Wych-street, Strand, London.—Post-office orders payable at 383, Strand.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.



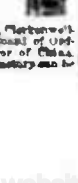
as made on the true principles, and under the immediate direction of Dr. Arnott. All architects and builders are respectfully informed, that to secure registered results constructed on Dr. Arnott's principle, they must be procured from the original manufacturer. Great abuse has arisen, and respected failures have taken place, through the use of valves purporting to be Dr. Arnott's, but which are, in reality, entirely different in construction, and have been disclaimed by the Doctor as not being by any means calculated to carry out his intentions; for, in their practical use, they are soon sadly found to be an abundant means of filling the room with smoke, instead of being useful as a means of ventilation. The fault is too strong, that many architects in their specifications have found it necessary to direct them DR. ARNOTT'S VENTILATORS shall be of EDWARDS'S MANUFACTURE.

The Valve, made in a variety of patterns and sizes, at prices from 6s. to 30s. Terms to the trade as heretofore. Prospectus with prices and sizes to be had (post free) on application.

F. EDWARDS, 46, Poland-street, Oxford-street.

MOORE'S PATENT LEVER VENTILATOR.

The principle of the LEVER VENTILATOR is of simple and most effective, which will be seen by a glance at the following Drawing, and is so arranged that no workman can connect to the Glass Louvres, parts in any way likely to get out of order. The other of the Frame, Louvres, and Sash of room, are made of Brass, thereby avoiding rust. It is intended to be used between of sashes, and is opened and closed with great facility, and can be regulated to any quantity of ventilation. In addition is produced by a lever, which pulled, opens the Louvres, and, being close, closes air-tight. It takes up less space than any other Ventilator, and does not interfere with the appearance of the window. Much greater ventilation is obtained by the Louvres throwing out and in by which the air passes upwards, and is equally distributed over the whole of the apartment. Orders for Ventilators shall give the right measure of the sash for which they are intended. A cheaper description of this Ventilator made for Chapels, Chapels, Bed rooms. Work shops, &c. JOHN MOORE and SONS, Church, Turret, and House Clock Manufacturers, 36 & 37, Clerkenwell-close, London; Clock Makers to the Honourable Board of Ordnance, the Russian Government, and the Emperor of China. N.B.—A List of the Clocks made at the above Manufactory can be had either by post or otherwise.



External View of Ventilator when Open

THE ST. HELEN'S CROWN, SHEET, and PLATE-GLASS COMPANY, ST. HELENS, LANCASHIRE, manufacturers of all kinds of brown crown Glass, patent plate, glass shades and ornamental glass; also of church, chapel, and other windows, to the modern and antique styles and quarries, or square; cheapest medium of good, which may be had for decoration, &c., as exhibited at the present Show Rooms.

Particulars may be obtained from all respectable glass dealers.

CHEAP ORNAMENTAL GLASS.—I beg to intimate my friends and the public that I have now completed a most STRIKING Stock, coming to the trade this week with which I am receiving orders. I am enabled to reduce my former prices considerably. The prices are now from 1s. 6d. SHILLING PER FOOT SUPERFICIAL and borders from SIXPENCE PER FOOT RUN. A large quantity of the choicest patterns always in stock. CHARLES TAYLOR, No. 1, Newman-street, Oxford-street, Portman-square.—Cash only.

E. and W. B. JACKSON beg to call the immediate attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE, obscured and figured, unrivalled for strength, BOW and SQUARE CROWN GLASS, FLINT, COLOURED, and ORNAMENTAL GLASS, in every variety of the best manufactures, at the lowest current Prices, and estimates furnished for ornamental windows either for houses or church decorations. All applications for estimates and lists of prices to be made to their warehouses, 326, OXFORD-STREET.

SOHO GLASS WAREHOUSE, 26, SOHO SQUARE.—ALFRED GOSLETT begs to inform Architects, Builders, and the trade generally, that he is prepared to execute contracts for the following descriptions of Glass upon application:—BRITISH PLATE GLASS, of the largest sizes. PATENT PLATE GLASS. ORNAMENTAL GLASS, of all descriptions. COLOURED GLASS. ROUGH PLATE GLASS, 1, 2-3, 1, and 1 inch thick. PATENT ROLLED ROUGH PLATE, 1, 2-3, and 1 inch thick. CROWN SHEET, and HORTICULTURAL GLASS, and to offer and glaze North lights, conservatories, and the like, complete. BELGIAN SHEET GLASS, to arrive commencing the first week in September, at 6d. the per cwt.

THOMAS MILLINGTON begs to inform BUILDERS and the Trade that he can supply them with POLISHED and ENGRAVED WINDOW GLASS, Plate and Oil-cured, of every description. ROUGH PLATE, 1-8 inch to 1 inch thick. Obscure Patterned Glass, &c. White Lead, Paints, Colours, Oils, Varnishes, Brushes, &c.; Mahogany and Plain Lamp Tops from 1 inch to 40 inches bore; Solar, Student's, Reading, Bed, and Bronze Lamps of every description, of the very best brands. Glass Ornaments, Shades, Kidderminster Carpeting and Rug Glasses.—Address, 27, Southampton-street, Oxford-street.

See Advertisement Saturday, June 28, 1851.

GLASS WATER PIPES.—Messrs. COATHUPE and CO., Crown and Sheet Glass Manufacturers, Bristol, near Bristol, beg to refer the Engineers and others that they are supplying Glass Pipes, with their joints, from 1 to 4 inches bore, capable of maintaining very great atmospheric pressure, in lengths from 3 to 7 feet, the lengths being less as the diameters increase. These pipes may be seen at the Exhibition, with their various fittings and modes of jointing to Class C, Space 24; and reference can be given of their great utility in numerous localities where they have been successfully employed. The great advantage of glass pipes for the conveyance of pure water over all metallic conveyances, has been too largely dwelt upon by medical and scientific authorities to require any further comment.

PAPER HANGINGS, by E. T. ARCHER'S patented Machine, Blanks, Cylinders, and Arti-ficial Labour, at his Manufactory, for all kinds of papers adapted for internal decorations. PANELLED DECORATIONS fitted up on the walls of the artizan's Show Rooms, in every known style, and for all purposes, by artists of known merit.

Always on hand a CHEAPER and EXTENSIVE SELECTION of FRENCH PAPERS, from the most fashionable factories in Paris. Attached to the paper hanging business there is the observed movement of CABINET FURNITURE in bamboo, of the best make, and upholstery goods of the first fabrics. Brussels carpets, at 4s. per yard; floor cloths, the best that can be made, cut to any dimensions, 4s 6d. per yard, also cord and wrought curtains, of the finest fabrics, 5 feet wide, 6s. per yard, at

E. T. ARCHER'S, 49, Oxford-street.

PAPER HANGINGS.—R. HORNE, PAPER HANGING MANUFACTURER, 41, Great Queen-street, City, requests builders and the trade to inspect his extensive stock of NEW PATTERNS in PAPER HANGINGS, which, by the addition of improved machinery, he is enabled to offer at the following prices, in which quantities, for cash only, 6d. to

Stout lining paper	2d.
Superfine ditto	2½d.
Rich marble papers, to great variety	4d.
An excellent cash paper	5d.
Flock-grounds, 24 inches	6d.
Flock-grounds, 24 inches	7d.
Flock-made to order	8d. to 1s. 6d.
Flock-made to order	1s. 6d. to 2s. 6d.
Flock papers	1s. 6d. to 3s. 6d.
Hand-made grounds	2d. to 1s. 6d.

Every novelty in French and English panelled decorations always on hand; also an extensive assortment of fancy woods.

N.B. Patterns sent into the country, by post, showing the style and quality of the above, on receipt of two stamps, and the goods despatched with promptitude on receipt of a remittance to the amount of the order given.

NEW SHOW-ROOMS FOR BEDSTEADS.—HEAL and SON have erected some extensive Warerooms for the purpose of keeping every description of Bedstead in their stock will thereby every sort immediately, from the cheap stump, the commonest iron, to the handsomest Brass mounted tubular Bedstead, and to which they have added a large assortment of every shape and pattern; and to which their business are sufficiently extensive to allow them to fit up a variety, both in Polished Birch and Mahogany, of Four-post, Canopy, and French Bedsteads of Jacquard Muslin and Chintz, so long in every sort of Bedstead that is made, and they have given especial attention of Furniture Chintzes, Damasks, and Dimities, so as to render their stock complete for the Furnishing of Bedrooms as well as Bedding. And as almost interesting to customers with the wants of a bed, the lowest class of Furniture to be sold and which is fit for useful purpose, there are stock will be found to be priced on the same principle by which their Bedding Trade has, during the last thirty years, been so successfully extended, and the goods, whether of a plain and simple pattern, or of a handsomer and more expensive character, are of well-proportioned materials, sound workmanship, and warranted.

HEAL and SONS List of Bedding, containing full particulars of Weights, Sizes, and Prices of every description of Bedding, sent free by post, on application in their Showroom.

196 (opposite the Chapel), Tottenham-court road, London.

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